

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D407-797 REV. C AND INSTRUCTIONS  
FOR CONTINUED AIRWORTHINESS ICA-D407-797 REV. 3 OR LATER APPROVED  
REVISION

REF. TCCA STC: SH11-1  
REF. FAA STC: SR02996NY  
REF. EASA STC: 10035429

## 1.0 PURPOSE

The purpose of this DSI is to provide the instructions to replace the D4029-041 Webbing on the D3915-041 Light Lid Assembly used in the DXXX-797-013/-014/-023/-024/-101 kits.

## 2.0 PROCEDURE

1. Remove the D3915-041 Light Lid Assembly per Section 25.6 of ICA-D407-797 as applicable.
2. Remove the MS20600AD4W4 Rivets and the NAS1149DN949J Washers per Figure 1 and remove the D4029-041 Webbing.
3. At the customer's discretion, the rivet stems left inside the tubing frame may be contained per the following instructions:
  - (A) Drill  $\varnothing 0.161$ " hole (#20 drill) on short rib frame at center of the inside tubing and 1.5" from the end of the frame assembly. If all stems cannot accumulate on one side of the frame, another hole may be drilled on the other corner of the same rib.
  - (B) Deburr holes and touch up with Alodine 1200/1201 per MIL-C-5541 and prime and paint to match colour.
  - (C) Tip the lid to one side to collect all rivet stems at the corner of the hole. Insert spray foam adhesive (Expanding Foam Sealant) inside the tubing frame to trap all stems. Repeat at the opposite corner if applicable.
  - (D) Use 1x MS20600AD5W2 Rivet to plug each hole.
4. Install the replacement D4029-041 Webbing using MS20600AD4W4 Rivets and NAS1149DN949J Washers per Figure 1.
5. Re-install the D3915-041 Light Lid Assembly per ICA-D407-797.
6. Update the aircraft log book to indicate installation of DSI 9737-011 kit.

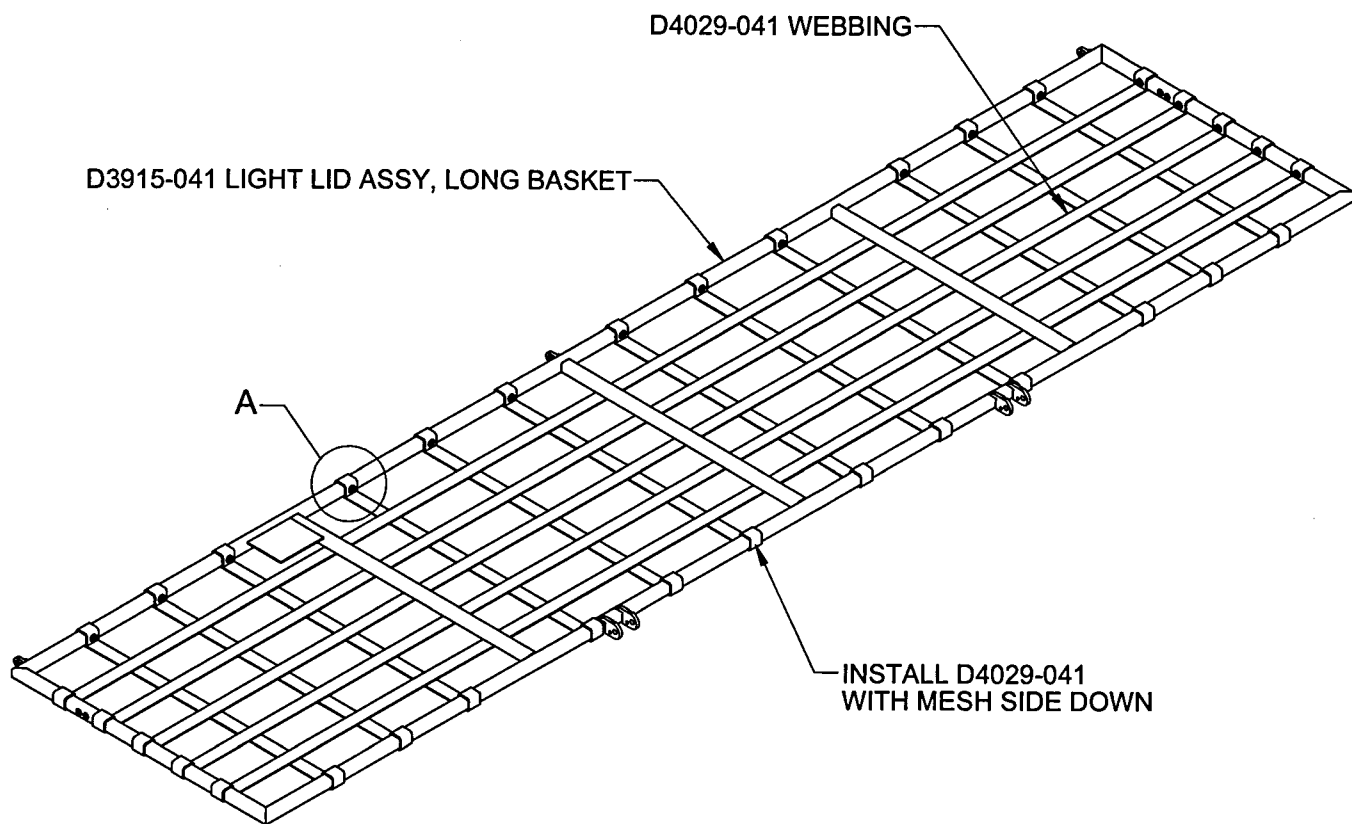
CANADA  
DEPARTMENT OF TRANSPORT  
AIRCRAFT CERTIFICATION  
BRANCH  
DAO # 01-O-01

APPROVED  
BY:   
D. SHEPHERD (DE # 02)

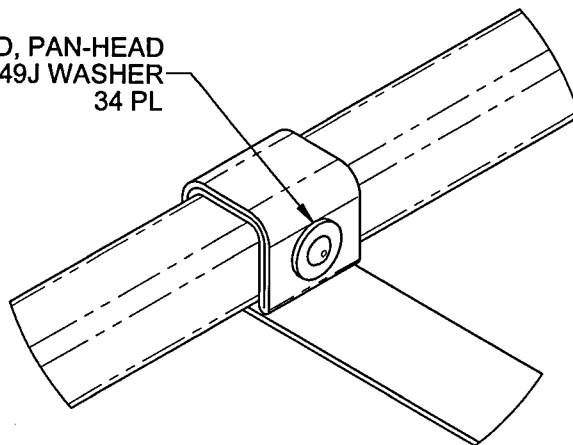
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A	NEW ISSUE	VS	15.12.21
REV.	DESCRIPTION	BY	DATE
DESIGN	VS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	RF	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9737	SHEET 1 OF 3
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	WEBBING REPLACEMENT	NTS
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MS20600AD4W4 RIVET, BLIND, PAN-HEAD  
NAS1149DN949J WASHER  
34 PL



DETAIL A

**Figure 1 - D3915-041 Light Lid Webbing Replacement**

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MFG. APPR.	N/A	DSI 9737	SHEET 2 OF 3
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### 3.0 WEIGHT AND BALANCE

Aircraft Weight and Balance are not affected by this change.

### 4.0 PARTS LIST

QTY -011	PART NUMBER	DESCRIPTION
X	DSI 9737-011	WEBBING REPLACEMENT, LONG BASKET
1	D4029-041	WEBBING (LONG BASKET)
34	MS20600AD4W4	RIVET, BLIND, PAN-HEAD
2	MS20600AD5W2	RIVET, BLIND, PAN-HEAD
34	NAS1149DN949J	WASHER

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MFG. APPR.	N/A	<b>DSI 9737</b>	SHEET 3 OF 3
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